

ABSTRACT

Disclosed is a hydrogen generator that simplifies a gas passage, improves durability, and makes evaporation state of steam uniform, and a fuel cell system comprising the hydrogen generator.

A hydrogen generator (10) comprises a first tubular wall element (11), a second tubular wall element (12) disposed outside the first tubular wall element (11) and coaxially with the first tubular wall element (11), and a water evaporator (13) and a reforming catalyst body (14) which are arranged in an axial direction of the first and second tubular wall elements (11, 12) in a tubular space formed between the first and second tubular space (11, 12), a water inlet (41i) from which water is supplied to the water evaporator (13), and a feed gas inlet (40i) from which a feed gas is fed to the water evaporator (13).